



SAN BERNARDINO MICROWAVE SOCIETY, Incorporated

FOUNDED IN 1966

A NONPROFIT AMATEUR TECHNICAL ORGANIZATION DEDICATED
TO THE ADVANCEMENT OF COMMUNICATIONS ABOVE 1000 MC.

W6IFE Newsletter

January 2005 Edition

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At the **6 January** meeting Dennis, WA6NIA will talk about EME operations. The SBMS meets at the American Legion Hall 1024 Main Street (south of the 91 freeway) in Corona, CA at 1900 hours local time on the first Thursday of each month. Check out the SBMS web site at <http://www.ham-radio.com/sbms/>.

Last meeting- Welcome to new member Charles Patton of Murrieta CA. Dave, WA6CGR gave a super talk on receivers in general and then measured a number of peoples preamps and receivers. A receiver needs around 35 db conversion gain from antenna to IF output. Measurement repeatability is KEY. One needs to work with the SMA torque wrench to get connectors tight but not over tightened. Connectors need to be CLEAN to be repeatable in measurements. Welcome to visitor Jerry, K6DYD of San Diego. 25 present



Dave, WA6CGR in the foreground and Doug, K6JEY in the back, shown making measures on amplifiers and receivers during the December 2, 2004 SBMS meeting.

Scheduling.

22-24 Jan ARRL January VHF Sweepstakes

3 Feb Dick K6HIJ What is the perfect IF rig.

3 March to be determined

11-13 June ARRL June VHF QSO Party

25-26 June ARRL Field Day

6-7 August ARRL UHF Contest

20-21 August ARRL 10 GHz and Up contest

10-12 September ARRL September VHF QSO Party

17-18 September ARRL 10 GHz and Up contest

Activity reported at the November SBMS meeting: Charles Patton is working on a spectrum analyzer; Gary, K6KVC had a 2 GH amp die; Mike, W6YLZ got his kitchen job done; Larry, K6HLH is building a new 10 GHz rig; Dick, K6HIJ is building WR-42 switches; Peter, K6PTL is looking for a 10 GHz amp; Ed, K6ODV built a new heat sink for a 1296 MHz amp; Chip, N6CA checked out the Frazier beacon and got his space ball rotator working; Dave, WA6CGR has lots of construction going on in his shop; Pat, N6RMJ has an 1152 MHz board working and went out on 26 November to DM15aj to work a number of people; Kurt, K6RRA cleaned garage; Dennis, WA6NIA rebuilt his lab; Doug, K6JEY did some EME work; Larry, KG6EG worked the Baja 1000 race; Wayne, KH6WZ rebuild his dish on the 10 GHz rig; Jeff, KN6VR is repackaging his 10 GHz rig; Ken, W6DTA worked with an LED mirror; Bill, WA6QYR worked on his reflock system; Chuck, WA6EXV worked on a new 10 GHz LNA and the 10 dish is now tracking fine; Frank, WB6CWN started and new business and worked Pat; Dick, WB6DNX worked on his 10/24 GHz feed; Jerry, K6DYD is reworking his 10 GHz rig; Mel, WA6JBD got a HP 5345 working; Chris is making his 10 GHz rig smaller.

"Wants and Gots for sale"

For Sale: Efraton FRK & M-100 Rubidium Oscillator \$350 Dennis WA6NIA 562-858-2883.

Want: six runs of 7/8th inch hardline 100 ft each with connectors if possible Mike W6YLZ 310-383-1000

For Sale: a very large quantity of silver-plated brass flanges in WR42 UG-595/U (WG-20) cover flange. These are clean, ready to solder brass flanges in excellent condition for your K-band projects. The waveguide fits into this flange and butts up against the inside of the flange so you do not have waveguide exposed at the flange interface. Price is \$6.00 per flange plus shipping. Reply direct by email n6ax@speakeasy.net. Shipping costs will

be dependent on quantity purchased. I ship UPS, USPS or FedEx. Check my ebay screen name n6ax to see my feedback (all positive) and order with confidence. Thanks John, N6AX (714) 993-0435

MICROWAVE UPDATE 2005

Chairman: Pat Coker, N6RMJ of SBMS

Planning Committee: Pat Coker, N6RMJ of SBMS

David Peters, KI6FF of WSWSS

Dennis Kidder, WA6NIA of SBMS

Presentations: Chip Angle, N6CA

Publicity: Wayne, KH6WZ

PRIZES: Dave Glawson, WA6CGR

Registration & Finance: Dick Kolbly, K6HIJ

Family Program: still needs a leader

Location: Sheraton Cerritos Town Center

List of Presentations:

SBMS 50 YEARS Dick Kolbly, K6HIJ

Pat, N6RMJ signed at contract with the Cerritos Hotel. Mel, WA6JBD will be collecting surplus store information for the junk run. The SBMS web site has MUD 2005 subsite.

Owens Valley Radio Observatory Project

Things are hold while Cal Tech reviews our proposal and while Observatory folk are tied up with other projects.

73's Bill



Doug, K6JEY operating on 1296 MHz EME from his QTH with John KJ6HZ watching.

The San Bernardino Microwave Society is a technical amateur radio club affiliated with the ARRL having a membership of over 90 amateurs from Hawaii and Alaska to the east coast and beyond. Dues are \$15 per year, which includes a badge and monthly newsletter. Your mail label indicates your call followed by when your dues are due. Dues can be sent to the treasurer as listed under the banner on the front page. If you have material you would like in the newsletter please send it to Bill WA6QYR at 247 Rebel Road Ridgecrest, CA 93555,

bburns@ridgecrest.ca.us, or phone 760-375-8566. The newsletter is generated about the 15th of the month and put into the mail at least the week prior to the meeting. This is your newsletter. SBMS Newsletter material can be copied as long as SBMS is identified as source.

San Bernardino Microwave Society newsletter

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Ridgecrest, CA

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USA